

## Bio-Data

Photo



1. Name: RANJIT MAITY

2. Date of Birth: 12-10-1958

3. Current Position and Address: Sr. Principal Scientist, Electrical Design Section,  
(with E-mail & Phone no. ) CSIR-CIMFR, Barwa Road, Dhanbad – 826015.  
[rmaitycmri@yahoo.co.uk](mailto:rmaitycmri@yahoo.co.uk), 9431597839

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/ Certificate	Year of Passing	University/ Institute	Subjects
1.	B.E.	1982	C.U.	Electrical
2.	M.Tech	1984	IIT(Kgp).	Instrumentation

5. Work experience

Designation	Institution/company	From	To	Nature of work
R&D Engineer	Micronics, Kolkata	1984	1990	Design of Microprocessor Based Instruments
Sr. Principal Sct.	CSIR-CIMFR	1990	Continuing	Design of Instruments & Calibration of Instruments

6. Area of specialization: Design & Development of Instruments, Calibration of Instruments

7. Honors/Awards received: No.

8. Fellowships/Scholarships: No.

9. No. of Research Publications:

- Papers in journals: Three
- In conference proceedings: Two
- Invited/key-note addresses:
- List of best 05 publications:

10. Number of Books authored/edited: Nil.

11. (a) No. of Patents granted/applied for: Four

(b) Technologies developed, Licensed and/or commercialized: Nil

12. Foreign visits: No

13. Details of Professional memberships: IE(I)

14 . Major contributions: ( Max. 150 words)

- a) Design & Development of Low Power Data Logger for underground mines (1993-95)
- b) Development of Computerised Dynamic Pressure Measurement System with the help of developed Low Power Data Logger (1995-97)
- c) Development of Computerised Breaking Load Monitoring System for 500-T Horizontal Testing Machine with the help of developed Low Power Data Logger (1995-97)
- d) Design, Development & Installation of Environmental Monitoring System for Kalidaspur Project (1997-99)
- e) Design of Microprocessor-based Multichannel Monitoring System useful for automatic & reliable measurement of vibrating wire sensors in underground mines.(2002-05)
- f) Design of Intrinsically Safe Power Supply Unit for underground mines.(2002-05)
- g) Creation of In-house Calibration facility at CIMFR as per the requirements of ISO 9001:2008. (2000-2008)

15. Technologies and Products/ Services : Nil.

- (i) Developed:
- (ii) Licensed:
- (iii) Commercialized:

16. Designs and Prototype Developed:

Low Power Data Logger, Microprocessor-based System for reliable and safe measurement of vibrating wire sensor in underground mine and Intrinsically Safe Power supply Unit.

17. Honours and awards won for technological contributions or sociological impact of R&D: Nil



(Ranjit Maity)  
Signature